8. LOW OUTGASSING

- PART NO: 3133DX-XX (WHERE APPLICABLE, -XX DENOTES LENGTH IN FEET). SEE TABLE FOR LENGTH TOLERANCE.
- SEE TABLE FOR 4 WIRE CABLE SPECIFICATIONS.
- 5. DYTRAN MODEL 6298 PETRO MOUNTING WAX AND MODEL 6741 REMOVAL TOOL, SUPPLIED.
- 4. ARROWS INDICATE DIRECTION OF ACCELERATION FOR POSITIVE OUTPUT.

- FOR BEST FREQUENCY RESPONSE, PREPARE A FLAT MOUNTING SURFACE OF AT LEAST 0.39 FLAT TO 0.001 TIR. APPLY ONE DROP OF CYANOACRYLATE ADHESIVE TO MOUNT THE ACCELEROMETER.
- 2. HOUSING MATERIAL: TITANIUM ALLOY.
- 1. WEIGHT: 0.8 GRAMS MAX, LESS CABLE.

NOTES: UNLESS OTHERWISE SPECIFIED

- UNLESS OTHERWISE SPECIFIED: INHERIT DIM & TOL PER AD11-01, W/arb & 1994 REVISIONS. TO MOUNT THE ACCELEROMETER. THE GROUND WIRE MUST BE CONNECTED TO THE MOUNTING SURFACE. Spacing BETWEEN THE CONNECTORS SHOULskid TO MA/MERZ. CIRCUIT BOARD MISALIGNMENTS MAY AFFECT THE DEVICE PERFORMANCE. ALL CHAMFERED END TOLERANCES: TOTAL RENDEZ TO 0.001 TIR. MACHINED AUXILIARY HOLE: E5 TO Ø5. WIRING SYMBOLS ARE FOR WIRE NO. 24 AWG. ABBREVIATIONS PER MIL-STD-12.

- DIMENSIONS APPLY AFTER MACHINING. ALL MACHINED SURFACES: TOTAL RUNOUT WITHIN 1/16, WITHIN 50 THD LENGTHS AND DEPTHS ARE FOR MACHINED ITEMS. UNLESS OTHERWISE SPECIFIED: UNLESS OTHERWISE SPECIFIED: UNLESS OTHERWISE SPECIFIED: UNLESS OTHERWISE SPECIFIED:
### PHYSICAL

<table>
<thead>
<tr>
<th>Model</th>
<th>Weight</th>
<th>Resolution (Grms)</th>
<th>Oper. Temp(°F)</th>
<th>TC</th>
</tr>
</thead>
<tbody>
<tr>
<td>3133D1</td>
<td>500</td>
<td>0.02</td>
<td>-67 to 320</td>
<td>1.1</td>
</tr>
<tr>
<td>3133D3</td>
<td>1,000</td>
<td>0.06</td>
<td>-67 to 320</td>
<td>1.1</td>
</tr>
<tr>
<td>3133D4</td>
<td>5,000</td>
<td>0.3</td>
<td>-67 to 320</td>
<td>0.5</td>
</tr>
<tr>
<td>3133D5</td>
<td>20,000</td>
<td>0.50</td>
<td>-67 to 320</td>
<td>0.5</td>
</tr>
</tbody>
</table>

### PERFORMACE SPECIFICATION

**Sensitivity (mV/g)**

- **Model**: 3133D1
  - **Range (Gpeak)**: 10
  - **Resolution (Grms)**: 0.02
  - **Oper. Temp(°F)**: -67 to 320
  - **TC**: 1.1

- **Model**: 3133D3
  - **Range (Gpeak)**: 5
  - **Resolution (Grms)**: 0.06
  - **Oper. Temp(°F)**: -67 to 320
  - **TC**: 1.1

- **Model**: 3133D4
  - **Range (Gpeak)**: 0.7
  - **Resolution (Grms)**: 0.3
  - **Oper. Temp(°F)**: -67 to 320
  - **TC**: 0.5

- **Model**: 3133D5
  - **Range (Gpeak)**: 0.25
  - **Resolution (Grms)**: 0.50
  - **Oper. Temp(°F)**: -67 to 320
  - **TC**: 0.5

Refer to the performance specifications of the products in this family for detailed description.

**Supplied Accessories:**

1. Model 6298 small petro wax
2. Model 6741 removal tool
3. Accredited calibration certificate (ISO 17025)

### Notes:

1. Measured at 100 Hz, 10 Grms
2. Actual sensitivity is given on a calibration certificate
3. Measured using zero-based straight line method, % of F.S. or any lesser range.
4. Do not apply power to this device without current limiting, 20mA max, to do so will destroy the integral IC amplifier.